

- ☐ Drafts
- ☐ Pending
- ☒ Active
  - ☒ L1: (408) (bar or shaft or tube or arm
  - ☒ L2: (16) Combined citation search 1
- ☐ Failed
- ☐ Saved
- ☐ Favorites
- ☐ Tagged (11)
- ☐ UDC
- ☐ Queue
- ☐ Trash

Search List Browse Queue Clear

DBs US-PG-PUB; USPAT

☐ Purals

Default operator: OR

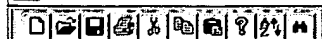
☒ Highlight all hit terms initially

(bar or shaft or tube or arm) with (extend or expand or telescop\$ or retract) with (spring near3 tension)

BRS  
Search 1/19/06  
ref/22/05

BRS form IS&amp;R form Image Text HTML

|    | U                        |                                     | Document ID   | Issue Date | Pages | Title  | Current OR | Current XRef        | Retrieval C | In                  |
|----|--------------------------|-------------------------------------|---------------|------------|-------|--|------------|---------------------|-------------|---------------------|
| 1  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6629405 B2 | 20031007   | 6     | Western style stirrup with internal springs        | 54/48      |                     |             | Johnson;            |
| 2  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5882342 A  | 19990316   | 10    | Safety medical syringe with retractable needle     | 604/195    | 604/110;<br>604/198 |             | Cooper; D<br>al.    |
| 3  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5787633 A  | 19980804   | 6     | Ballistic fishing lure                             | 43/42.02   | 43/42.36            |             | Taylor; J           |
| 4  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5527217 A  | 19960618   | 29    | Adjustable device for exhaustion and/or supply of  | 454/63     | 454/65              |             | Engstrom;           |
| 5  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5447346 A  | 19950905   | 6     | Portable, adjustable, telescopic clamping lock for | 292/289    | 292/258             |             | Virzi; Al           |
| 6  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5243926 A  | 19930914   | 6     | Apparatus for securing watercraft to a dock        | 114/230.19 |                     |             | Wright; T<br>al.    |
| 7  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5176396 A  | 19930105   | 8     | Fifth wheel unlocking device with fluid powered    | 280/434    | 280/437             |             | Hawthorne<br>et al. |
| 8  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5139264 A  | 19920818   | 12    | Golf training apparatus                            | 473/229    |                     |             | Wootten;            |
| 9  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 4789123 A  | 19881206   | 8     | Telescopic stay                                    | 248/240.4  | 108/80;<br>108/82;  |             | Mattsson;           |
| 10 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 3897055 A  | 19750729   | 8     | Adjustable climbing apparatus                      | 482/36     |                     |             | Caldow; D           |



- ☐ Drafts
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  - ☒ L1: (408) (bar or shaft or tube or arm
  - ☒ L2: (16) Combined citation search 1
  - ☒ L3: (1318) (bar or shaft or tube or arm
  - ☒ L4: (204) ((bar or shaft or tube or arm
  - ☒ L5: (239) (267/73).CCLS.
  - ☒ L6: (415) (267/74).CCLS.
- ☐ Failed
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- ☐ Favorites
- ☒ Tagged (16)
- ☐ UDC
- ☐ Queue
- ☐ Trash

    
DBs Default operator: ☒ Highlight all hit terms initially
☒ BRS form ☒ IS&R form ☒ Image ☒ Text ☒ HTML

|    | U                        | 1                                   | Document ID   | Issue Date | Pages | Title   | Current OR | Current XRef          | Retrieval C | In                  |
|----|--------------------------|-------------------------------------|---------------|------------|-------|---|------------|-----------------------|-------------|---------------------|
| 1  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 6629405 B2 | 20031007   | 6     | Western style stirrup with internal springs             | 54/48      |                       |             | Johnson;            |
| 2  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5882342 A  | 19990316   | 10    | Safety medical syringe with retractable needle          | 604/195    | 604/110;<br>604/198   |             | Cooper; D<br>al.    |
| 3  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5787633 A  | 19980804   | 6     | Ballistic fishing lure                                  | 43/42.02   | 43/42.36              |             | Taylor; J           |
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| 5  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5447346 A  | 19950905   | 6     | Portable, adjustable, telescopic clamping lock for      | 292/289    | 292/258               |             | Virzi; Al           |
| 6  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5243926 A  | 19930914   | 6     | Apparatus for securing watercraft to a dock             | 114/230.19 |                       |             | Wright; T<br>al.    |
| 7  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5176396 A  | 19930105   | 8     | Fifth wheel unlocking device with fluid powered         | 280/434    | 280/437               |             | Hawthorne<br>et al. |
| 8  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 5139264 A  | 19920818   | 12    | Golf training apparatus                                 | 473/229    |                       |             | Wootten;            |
| 9  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 4789123 A  | 19881206   | 8     | Telescopic stay   | 248/240.4  | 108/80;<br>108/82;    |             | Mattsson;           |
| 10 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 2835522 A  | 19580520   | 4     | Hinged support [TEXT AVAILABLE IN USOCR DATABASE]       | 16/390     | 108/82;<br>16/250;    |             | SERTO FER           |
| 11 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 3897055 A  | 19750729   | 8     | Adjustable climbing apparatus                           | 482/36     |                       |             | Caldow; D           |
| 12 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 3566434 A  | 19710302   | 10    | TELESCOPIC CLOSER FOR DOORS                             | 16/66      |                       |             | GRINSTEIN           |
| 13 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 3278979 A  | 19661018   | 3     | Sliding door closer                                     | 16/66      | 16/72;<br>16/84       |             | CLEMENT C           |
| 14 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 2602666 A  | 19520708   | 7     | Football practice apparatus                             | 473/443    | 104/89;<br>248/289.11 |             | BURKE WIL           |
| 15 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 2168635 A  | 19390808   | 4     | Door holder   | 292/338    |                       |             | WALLACE J           |
| 16 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | US 4854559 A  | 19890808   | 6     | Suspension arm for the tub of a laundry washing machine | 267/74     | 188/381;<br>267/134;  |             | Fialon; B           |



- ☐ Drafts
- ☐ Pending
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  - ☒ L1: (1272) ((tension near2 spring) and
  - ☒ L2: (3) ((tension near2 spring) and (e
- ☐ Failed
  - ☒ ((tension near2 spring) and (end or en
- ☐ Saved
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Search List Browse Queue Gear

DBs US-PG-PUB; USPAT

☐ Purge

Default operator: OR

☒ Highlight all hit terms initially

((tension near2 spring) and (end or ends) and (bar or arm or pole) and (length or distance) and track and trolley).clm.

East  
search

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|   | U                        | Document ID  | Issue Date | Pages | Title   | Current OR | Current XRef          | Retrieval C | Inven               |
|---|--------------------------|--------------|------------|-------|---|------------|-----------------------|-------------|---------------------|
| 1 | <input type="checkbox"/> | US 4723647 A | 19880209   | 16    | Belt conveyor and feeder                              | 198/364    | 119/57.7;<br>198/816; |             | Norton; Larr<br>al. |
| 2 | <input type="checkbox"/> | US 3658332 A | 19720425   | 13    | EVASIVE ACTION TACKLING<br>PRACTICE APPARATUS         | 473/443    |                       |             | Adduci; Nich<br>al. |
| 3 | <input type="checkbox"/> | US 3619431 A | 19711109   | 13    | METHOD AND APPARATUS FOR<br>CONSTRUCTING A MONOLITHIC | 264/32     | 264/33;<br>425/110;   |             | Weaver; Rich<br>al. |